



# INSTRUCTIONS FOR EXHAUST FUME EXTRACTOR

MODEL NO: **EFS/93.V4**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

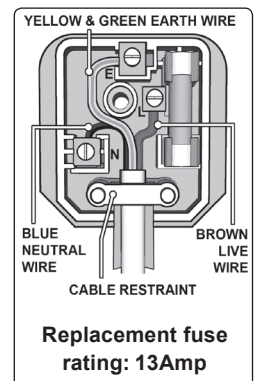


Refer to  
instruction  
manual

## 1. SAFETY

### 1.1. ELECTRICAL SAFETY

- ☐ **WARNING!** It is the user's responsibility to check the following:  
Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey stockist.  
If the product is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.  
**Electrical safety information:** it is important that the following information is read and understood.
- 1.1.1. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- 1.1.2. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- 1.1.3. **Important:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
  - \* **DO NOT** pull or carry the appliance by the power cable.
  - \* **DO NOT** pull the plug from the socket by the cable.
  - \* **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.
- 1.1.4. This product is fitted with a BS1363/A 13 Amp 3 pin plug.  
If the cable or plug is damaged during use, switch the electricity supply and remove from use.  
Ensure that repairs are carried out by a qualified electrician.  
Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.
  - A) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
  - B) Connect the BROWN live wire to the live terminal 'L'.
  - C) Connect the BLUE neutral wire to the neutral terminal 'N'.Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.  
Sealey recommend that repairs are carried out by a qualified electrician.
- 1.1.5. Products which require more than 13 amps are supplied without a plug. Contact a qualified electrician to ensure that a suitably rated supply is available. Ensure that an industrial round pin plug and socket are fitted by a qualified electrician.
- 1.1.6. If an extension cable reel is used, ensure that it is fully unwound before connection. Use a reel that includes an RCD, an appliance will be protected by the RCD. The cable core section is important and should be at least 1.5mm<sup>2</sup>. Ensure that the cable of the reel is appropriate for this product. We recommend the use of 2.5mm<sup>2</sup> core section cable.



### 1.2. GENERAL SAFETY

- ☐ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Familiarise yourself with the application, limitations and potential hazards of the extractor.
- ☐ **WARNING!** Disconnect the unit from the mains power before servicing or performing any maintenance.
- ✓ Maintain the extractor in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Locate the extractor in a suitable working area, keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.
- ☐ **WARNING!** Use only on level ground or slopes not exceeding 8°.
- ☐ Ensure there are no flammable or combustible materials near the work area.
- ✓ Keep children and unauthorised persons away from the working area.
- \* **DO NOT** use the extractor for a task it was not designed to perform.
- \* **DO NOT** operate the extractor if any parts are damaged or missing as this may cause failure or possible personal injury.
- \* **DO NOT** get the extractor wet or use in damp or wet locations or areas where there is condensation.
- \* **DO NOT** allow untrained persons to operate the extractor.
- \* **DO NOT** operate the extractor when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- \* **DO NOT** use the extractor where there are flammable liquids, solids or gases such as paint solvents, etc.
- \* **DO NOT** leave the extractor operating unattended.
- ✓ When not in use switch the extractor off and remove plug from the power supply.

## 2. INTRODUCTION

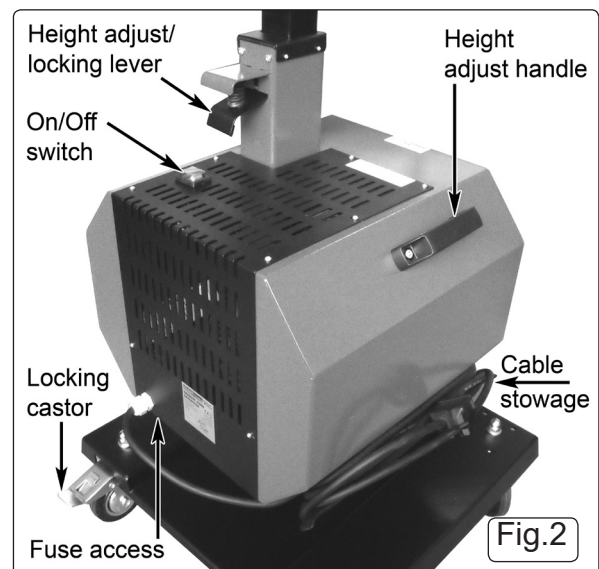
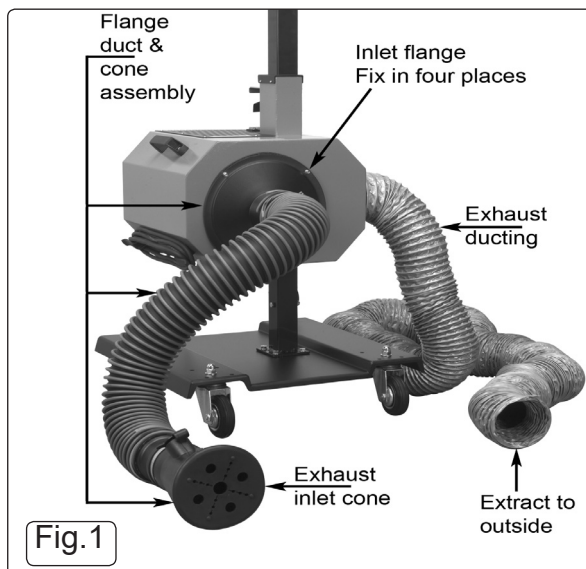
Suitable for both large and small garages and workshops. Excellent as a back-up machine for garages with purpose-built fume extraction units. Suitable for cars and small commercials up to 10tonne GVW. Fitted with exhaust pipe cone that includes a port to allow use with gas analyser probes.

## 3. SPECIFICATION

Motor:..... 550W - 230V  
Airflow:.....560mtr<sup>3</sup>/hr  
Minimum height:..... 120mm  
Maximum height:..... 750mm  
Duct length:..... 6mtr

## 4. ASSEMBLY

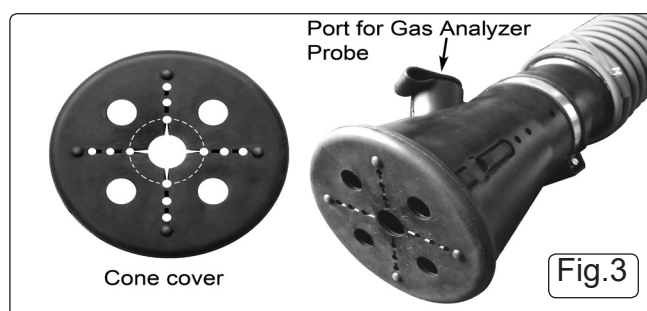
- 4.1. Unpack the equipment and check for missing or damaged items (Fig.1). In the event of a fault contact the supplier.
  1. Extractor unit and stand assembly.
  2. Extractor cone, duct & flange inlet assembly.
  3. Exhaust ducting (6mtr.).
  4. 4 Screws and washers (loosely fitted in housing).
- 4.2. Remove the four socket cap screws and washers from around the inlet aperture on the main housing. Align the four holes on the inlet flange with the holes around the aperture and fix in place with the four socket cap screws and washers.
- 4.3. Fit exhaust ducting to the port on the side of the unit and retain it with a suitable jubilee clip/strap. Route the exhaust ducting to outside the building, keeping the ducting as straight and level as is practical. Note that the ducting is relatively easily damaged and should be routed, as far as possible, away from walkways etc.



## 5. OPERATION

- ❑ **WARNING!** Before operating the extractor ensure that you read, understand and apply the safety instructions in Section 1.
- 5.1. Move the unit into a suitable position at the rear of the vehicle and stop it moving by pressing the foot levers on both locking castors. See Fig.2.
  - 5.2. Adjust the extractor height as necessary using two hands. First take hold of the fixed handle on the main body. Place the other hand under the locking lever and lift it to release the mechanism. Using both hands move the unit up or down the column as required. Release the locking lever to lock the unit at the required height on the column.
  - 5.3. Push the exhaust cone onto the vehicle exhaust pipe. The exhaust cone cover has a series of slots and holes across each axis. Depending on the size of the exhaust pipe it may be necessary to carefully slit the face of the cover with a sharp knife equally along each axis to get the cover to fit. See Fig.3. Alternatively, if the exhaust outlet is suitable, the cover can be completely removed.
  - 5.4. Uncoil the mains cable and plug it into the mains supply. Turn on the extractor using the On/Off switch on top of the main body. See Fig.2.
  - 5.5. There is a port on the side of the cone (see Fig.3) which allows the connection of a gas analyser probe if required.

**NOTE:** Take care to ensure that there is no possibility of paper, plastic or other foreign bodies being sucked into the extractor cone.



## 6. MAINTENANCE

- ❑ **WARNING!** Disconnect the unit from the mains power before servicing or performing any maintenance.
- 6.1. To replace the fuses firstly undo the eight self tapping screws that hold the black ventilation cover in place on the top and rear of the unit. The cover has wiring attached to it and must be properly supported whilst fuses are being changed. The cartridge fuse holder is mounted at an angle on the left, inside the cabinet. Replace a blown fuse with one of an identical size, shape and specification.
- 6.2. Refit the ventilation cover.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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